

## A B S T R A C T

A radar oscillator has an oscillation unit and first and second switch circuits to intermittently output an oscillation signal depending on a pulse  
5 signal representing a transmission timing of a transmitting radar signal without causing leakage. The first switch circuit turns off an electric power supply to an amplifier in a non-input period of the pulse  
10 signal to set the oscillation unit in a non-oscillation state and turns on the electric power supply to the amplifier in an input period of the pulse signal to set the oscillation unit in an oscillation state. The second switch circuit turns on an electric power supply to an LC resonator in a predetermined period  
15 immediately before the pulse signal is input in a period in which the pulse signal is not input to supply a predetermined current to the LC resonator and turns off the electric power supply to the LC resonator at a timing at which the pulse signal is input to stop the  
20 supply of the predetermined current to the LC resonator, so that activation of an oscillation operation of the oscillation unit is accelerated.